Translator

Keyboard and Mouse converter for Sun, Apple, DEC Alpha, and SGI Onyx

Direct connect to Rose switches with DB25 connectors

Small, compact, and easy to use

No power required, uses power from device

Features and Benefits

- Connects Sun, Apple, DEC Alpha, and SGI Onyx computers to Rose, or other KVM switches
- Very small and compact unit
- Connects directly to a Rose switch with DB25 connectors
- Compatible with all Rose products with DB25 connectors such as Vista, ServeView Pro, UltraView Pro, MultiVideo, MultiStation, ClassView, and others
- Installs easily between a switch and UltraCable
- Uses UltraCable™ for superior cable management with lengths up to 100 feet
- Supports Apple and Sun power-on function from the keyboard
- Uses extra keys on Windows keyboard to map to extra keys on Apple and Sun keyboards
- Optional support for all Sun international keyboards
- LED indicator shows that power is being received
- Flow through video simplifies wiring

The Translator™ Advantage . . .

The perfect companion to Rose KVM switches of all types, this compact unit converts PC keyboard and PS/2 mouse to four different types of computers. The Translator was designed to provide a simple means for connecting Apple, Sun, DEC Alpha, and SGI Onyx computers to Rose or any other PC type KVM switch.

The Translator uses power from the KVM switch or computer so that no external power is required. Just plug it in, and it turns any PC KVM switch into a multi-platform switch.

Sun versions can be programmed to emulate any language. The Apple and Sun versions both support power-on from the keyboard.

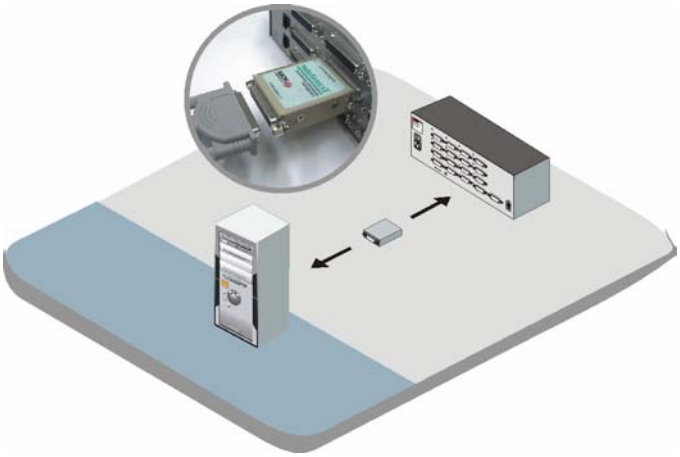
The Translator is used with Rose UltraCable to provide the cleanest solution to connecting your computers. Give us a call to find out more about the Translator and how it will work in your application.

Connects directly to a Rose switch to support Apple, Sun, DEC Alpha, and SGI Onyx

ROSE ELECTRONICS

WWW.ROSE.COM

Typical Application



Installation The translator is installed by connecting the switch side of the Translator to the KVM switch. Connect the computer side of the Translator to the DB25 side of the UltraCable. Plug the computer side of the UltraCable into the computer. After installing, configure the KVM switch port to support a PC mode-3 keyboard and a PS/2 mouse. If you have a Sun model and are using other than a US keyboard then you can configure the Sun unit for the proper language. The product installation and configuration is now complete.

Cables Rose's UltraCable streamlines the cable connections to the Translator, simplifying cable management and improving system reliability. Order the computer or user cable by the computer's keyboard, monitor, and mouse connector style and desired length. We stock a large variety of cable types in lengths up to 100 feet. You should specify standard resolution (800x600 or less) or high resolution (greater than 800x600).

Power The Translator converter takes its power from the KVM switch or from the computer. When the unit is powered on and running the LED on the side of the unit will be lit. The Sun and Apple versions support the power-on function from the keyboard. To ensure this feature works correctly with a Vista switch which takes its power entirely from the computer, you should order the optional power adapter for the Vista switch.

Apple and Sun emulation with a Windows keyboard

Full emulation by the Translator requires the use of a 104/105 Windows keyboard. Using a Windows style keyboard, the keys are mapped from the PC keyboard to the Apple or Sun computer.

PC KEY (WIN 95)	APPLE KEY	SUN KEY
Left control	Left control	Left control
Left Win95 (start)	Left Apple	Left meta
Left alt	Left option	Left alt
Right alt/alt graph	Right option	Alt graph
Right Win95 (start)	Right cloverleaf	Right meta
Right Win95 (app)	Power key	Power key
Right control	Left control	Compose

DEC Alpha version

This version of the Translator is for DEC Alpha models which use a DB15 connector for the keyboard and mouse. The DB15 connector on the keyboard and mouse cable goes to a connection box. This connection box has a mini-din7 and an RJ4 conductor jack. The keyboard and mouse plug into these connectors. Newer DEC Alpha models use PC keyboard and PS/2 mouse and the Translator is not needed for these models. You will need a DEC 108-key keyboard with a PC keyboard interface such as the DEC LK461 keyboard to access the special DEC keys, such as F13, F14, F15, etc. not present on a PC keyboard.

SGI Onyx version

This version of the Translator is for SGI Onyx models that have a single mini-din6 connector on the computer. The mini-din 6 cable goes to the keyboard and the mouse plugs in directly to the keyboard. This is compatible with SGI Onyx, Crimson, and Personal Iris computers using a model 9500801 keyboard. Since the layout of this keyboard is identical to a PC keyboard it maps directly.

Part Numbers

CNV-MACPS	Translator for Apple keyboard/mouse
CNV-SUNPS	Translator, Sun keyboard/mouse
CNV-DECPS	Translator, DEC Alpha keyboard/mouse
CNV-SGIPS	Translator, SGI Onyx keyboard/mouse

Specifications

Size	2"W X 2.5" D X 0.75" H
Weight	2 oz (not including cabling)
Power	From switch or computer
Connectors	Switch: DB25 Male Computer: DB25 Female
Video	Pass through
Chassis	Painted steel with graphic label
Indicators	Power LED
Environment	0 to 55° C, 0-80% non-condensing relative humidity

Models for Apple, SUN, DEC, SGI Onyx

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Uniport

USB to PS2 Converter

Direct Connect
CNV-PSUSBVDB

In-Line
(Cable or PC Connect)
CNV-PSUSB

Cable
CAB-CXVUSBMnnn

Use your USB keyboard and mouse with a Rose KVM switch, a PS/2 KVM adapter cable, or a PS/2 PC

Compatible with PC, Sun, and Mac USB keyboards and mice

Connects easily to:

- Rose switches
- KVM adapter cables
- PS/2 keyboard and mouse ports on a PS/2 PC
- USB keyboard and mouse
- USB 1.0 and 1.1 compliant (Keyboard/Mouse only)
- Flash upgradeable

Features and Benefits

- Converts USB protocol to PS/2 protocol
- Three models are available that can connect your USB keyboard and mouse to a Rose KVM switch, a KVM adapter cable, or to a PC:
  - The Uniport Direct Connect connects directly to the DB25F KVM connector on a Rose KVM switch
  - The Uniport In-Line connects to the PS/2 connectors on a KVM adapter cable
  - The Uniport Cable can replace an existing KVM cable. It connects to the DB25F KVM connector on a KVM switch and to a video monitor and a USB keyboard and mouse.
- Compatible with all Rose KVM products with DB25F connectors such as Vista, ServeView Pro, UltraView Pro, UltraMatrix, and others
- Compact in size
- Installs easily between a KVM switch and your USB keyboard and mouse
- USB 1.0 and 1.1 compliant (Keyboard/mouse only)
- Flash upgradeable
- Plug-and-Play, no power required
- Made in USA

The Uniport™ Advantage . . .

The Uniport USB to PS2 converter is another first from Rose Electronics. This innovative product enables you to connect a USB keyboard and USB mouse to a KVM switch or directly to a Rose KVM cable. You can also use Uniport to connect a USB keyboard and mouse to your PC or notebook via the PS/2 ports.

Simply plug the converter into the DB25F, KVM connector on your KVM switch or to the PS/2 connectors on a KVM adapter cable. Connect a USB keyboard and mouse to the USB connectors on the Uniport converter and its ready to use.

Using the USB to PS2 converter, you no longer have to compromise your options. Now, your USB keyboard and USB mouse can both be plugged into your KVM switch.

Uniport can be used with any Rose Electronics KVM switch that has DB25F connectors. Power to Uniport is provided from the KVM switch, no external power is required.

The USB to PS2 converter provides all the convenience of using your USB keyboard and mouse even when a USB port is not available.

Compact in size

ROSE ELECTRONICS
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Typical Applications

CNV-PSUSBVDB

Connect your USB keyboard, USB mouse, and a monitor to a Rose KVM switch using Uniport

CNV-PSUSB

Connects to your KVM adapter cable

CAB-CXVUSBMnnn

Connects between a USB keyboard / mouse and monitor and a KVM switch

Models Uniport is available in three models designed to interface a USB keyboard and USB mouse to a Rose KVM switch, a Rose KVM adapter cable, or to the PS/2 keyboard and mouse ports on a computer.

Installation Installing the Uniport direct connect model is a quick and easy process. Connect the Uniport to the DB25F, KVM port on a KVM switch, then connect your USB keyboard, USB mouse, and monitor cables to the corresponding connectors on the Uniport, and it's ready to use. There is no needed configuration or external power.

To install the Uniport In-Line model, connect the Uniport to a Rose KVM adapter cable with PS/2 keyboard and mouse connectors, or directly to a computer with PS/2 keyboard and mouse ports.

To install the Uniport cable model, connect the KVM port on a Rose KVM switch to the DB25M connector. The HD15F and USB keyboard and mouse connectors connect to a monitor and USB keyboard and mouse cables.

Note: All Uniport models support USB keyboards and mice only. Other USB peripherals are not supported.

Keyboard and mouse All Uniport models support PC, Sun, and Mac USB keyboards and mice. Only one USB keyboard and one USB mouse can be connected.

Part Numbers

CNV-PSUSBVDB (Direct Connect)	USB to PS2 DB25 Converter w/video
CNV-PSUSB (In-Line)	USB to PS2 KB/MS Converter
CAB-CXVUSBMnnn (Cable)	USB to PS2 KVM Converter cable nnn = cable length in feet

Specifications

Dimensions

CNV-PSUSBVDB	2.15W x 3.10D x 0.725H (in.) 5.46W x 7.87D x 1.840H (cm)
CNV-PSUSB	1.125W x 2.75D x 0.8H (in.) 2.860W x 17.0D x 2.03H (cm)

Connectors

CNV-PSUSBVDB	DB25M to KVM switch HD15F to KVM monitor USB Type A to USB keyboard USB Type A to USB mouse
CNV-PSUSB	USB Type A to USB keyboard USB Type A to USB mouse MiniDin6 PS/2 keyboard MiniDin6 PS/2 mouse
CAB-CXVUSBMnnn	DB25M to KVM switch HD15F to KVM monitor USB Type A to USB keyboard USB Type A to USB mouse
Operating Temp	0°C to 40°C / 32°F to 104°C
Humidity	20% – 90% non-condensing

Rearview

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- Rose switches
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- PS/2 keyboard and mouse ports on a PS/2 PC
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  - The Uniport Cable can replace an existing KVM cable. It connects to the DB25F KVM connector on a KVM switch and to a video monitor and a USB keyboard and mouse.
- Compatible with all Rose KVM products with DB25F connectors such as Vista, ServeView Pro, UltraView Pro, UltraMatrix, and others
- Compact in size
- Installs easily between a KVM switch and your USB keyboard and mouse
- USB 1.0 and 1.1 compliant (Keyboard/mouse only)
- Flash upgradeable
- Plug-and-Play, no power required
- Made in USA

The Uniport™ Advantage . . .

The Uniport USB to PS2 converter is another first from Rose Electronics. This innovative product enables you to connect a USB keyboard and USB mouse to a KVM switch or directly to a Rose KVM cable. You can also use Uniport to connect a USB keyboard and mouse to your PC or notebook via the PS/2 ports.

Simply plug the converter into the DB25F, KVM connector on your KVM switch or to the PS/2 connectors on a KVM adapter cable. Connect a USB keyboard and mouse to the USB connectors on the Uniport converter and its ready to use.

Using the USB to PS2 converter, you no longer have to compromise your options. Now, your USB keyboard and USB mouse can both be plugged into your KVM switch.

Uniport can be used with any Rose Electronics KVM switch that has DB25F connectors. Power to Uniport is provided from the KVM switch, no external power is required.

The USB to PS2 converter provides all the convenience of using your USB keyboard and mouse even when a USB port is not available.

Compact in size

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Typical Applications

CNV-PSUSBVDB

Connect your USB keyboard, USB mouse, and a monitor to a Rose KVM switch using Uniport

CNV-PSUSB

Connects to your KVM adapter cable

CAB-CXVUSBMnnn

Connects between a USB keyboard / mouse and monitor and a KVM switch

Models Uniport is available in three models designed to interface a USB keyboard and USB mouse to a Rose KVM switch, a Rose KVM adapter cable, or to the PS/2 keyboard and mouse ports on a computer.

Installation Installing the Uniport direct connect model is a quick and easy process. Connect the Uniport to the DB25F, KVM port on a KVM switch, then connect your USB keyboard, USB mouse, and monitor cables to the corresponding connectors on the Uniport, and it's ready to use. There is no needed configuration or external power.

To install the Uniport In-Line model, connect the Uniport to a Rose KVM adapter cable with PS/2 keyboard and mouse connectors, or directly to a computer with PS/2 keyboard and mouse ports.

To install the Uniport cable model, connect the KVM port on a Rose KVM switch to the DB25M connector. The HD15F and USB keyboard and mouse connectors connect to a monitor and USB keyboard and mouse cables.

Note: All Uniport models support USB keyboards and mice only. Other USB peripherals are not supported.

Keyboard and mouse All Uniport models support PC, Sun, and Mac USB keyboards and mice. Only one USB keyboard and one USB mouse can be connected.

Part Numbers

CNV-PSUSBVDB (Direct Connect)	USB to PS2 DB25 Converter w/video
CNV-PSUSB (In-Line)	USB to PS2 KB/MS Converter
CAB-CXVUSBMnnn (Cable)	USB to PS2 KVM Converter cable nnn = cable length in feet

Specifications

Dimensions

CNV-PSUSBVDB	2.15W x 3.10D x 0.725H (in.) 5.46W x 7.87D x 1.840H (cm)
CNV-PSUSB	1.125W x 2.75D x 0.8H (in.) 2.860W x 17.0D x 2.03H (cm)

Connectors

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Rearview

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Simply plug the converter into the DB25F, KVM connector on your KVM switch or to the PS/2 connectors on a KVM adapter cable. Connect a USB keyboard and mouse to the USB connectors on the Uniport converter and its ready to use.

Using the USB to PS2 converter, you no longer have to compromise your options. Now, your USB keyboard and USB mouse can both be plugged into your KVM switch.

Uniport can be used with any Rose Electronics KVM switch that has DB25F connectors. Power to Uniport is provided from the KVM switch, no external power is required.

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Installation Installing the Uniport direct connect model is a quick and easy process. Connect the Uniport to the DB25F, KVM port on a KVM switch, then connect your USB keyboard, USB mouse, and monitor cables to the corresponding connectors on the Uniport, and it's ready to use. There is no needed configuration or external power.

To install the Uniport In-Line model, connect the Uniport to a Rose KVM adapter cable with PS/2 keyboard and mouse connectors, or directly to a computer with PS/2 keyboard and mouse ports.

To install the Uniport cable model, connect the KVM port on a Rose KVM switch to the DB25M connector. The HD15F and USB keyboard and mouse connectors connect to a monitor and USB keyboard and mouse cables.

Note: All Uniport models support USB keyboards and mice only. Other USB peripherals are not supported.

Keyboard and mouse All Uniport models support PC, Sun, and Mac USB keyboards and mice. Only one USB keyboard and one USB mouse can be connected.

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CONVERTER™

USB TO ADB CONVERTER

- Connect any ADB interface device to the USB port of a MAC or PC
- Small, compact, inexpensive, and easy to use
- No power required, uses power from the USB port
- Application transparent

FEATURES AND BENEFITS

- Connect your favorite ADB peripheral to iMacs, Macs, and PC's equipped with USB ports
- Very small and compact unit
- Connects directly in-line to the USB port and an ADB peripheral
- Compatible with all Rose products with USB connectors

ADVANTAGES...

The ADB to USB converter allows you to continue to use your favorite ADB keyboard/mouse, drawing tablet, joystick, or other ADB peripheral with your new iMac or PC equipped with USB ports.

The ADB to USB converter is an inexpensive way to preserve your ADB peripheral investment. Use it with your iMac, Mac, or any PC equipped with USB ports.

TYPICAL APPLICATION

Click to display picture

Product Part #	Description
CNV-USBADB	Converter, ADB to USB Converter, ADB 4-pin mini-DIN to USB Type B